

**Work Order ID 77318**

December-02-11 12:42:13 PM

ASAP

**\*77318\***

Page 1

Item ID: D350-607-511

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Quick Release Basket Mounting Installation

Start Date: 12/02/11 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 12/06/11 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D350-607-3

A

0.00

100

**\*100\***

DOCUMENT CONTROL

0.00

DC

Memo

Document Control

Photocopy bluefile & type labels per PPPD350-607-511 CHG002

5/12/05

140

Pick Kit

0.00

**\*140\***

Packaging

Memo

0.00

Packaging

6/12/05 (1)

150

QC4- 100% Inspect kits for completeness

0.00

**\*150\***

QC

Memo

0.00

Quality Control

5/12/05

(70)

**Work Order ID 77318****\*77318\***

Page 2

Item ID: D350-607-511

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Quick Release Basket Mounting Installation

Start Date: 12/02/11 Start Qty: 1.00 **\*1\***

Cust Item ID:

Required Date: 12/06/11 Req'd Qty: 1.00 **\*1\***

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursTool ID Tool # Plan  
Code Accept Reject Reject  
Qty Qty Number Insp.  
Stamp

160

0.00

**\*160\***

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-607-511  
Location: Ph13

170

0.00

**\*170\***

QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

*Rec'd 12/5/11**11/12/11**mf 11-12-05*

# Picklist Print

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Page 1

Work Order ID: 77318

Parent Item: D350-607-511

Parent Item Name: Quick Release Basket Mounting Installation

Start Date: 12/02/11

Required Date: 12/06/11

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 10-06-28 JLM VERIFIED BY: LL

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3910-3

Crosstube Lug

Manufactured No

140 Each 20.0000

4 4

Location

Loc Qty

Loc Code

st507

20

75244

20

D3984

Rubber Extrusion, Crosstube

CUT (8) AT 3.00" LONG

Manufactured No

140 f 320.4840

2 2

Location

Loc Qty

Loc Code

ST411

320.484

53707

320.484

D4148-041

Crosstube Lug Assembly, Fwd

Manufactured No

140 Each 0.0000

D4149-041

Crosstube Lug Assembly, Aft

Manufactured No

140 Each 2.0000

Location

Loc Qty

Loc Code

ST468

2

76299

2

AN4-14A

Bolt

Purchased No

140 Each 215.0000

16 16

Location

Loc Qty

Loc Code

ST357

115

118628

12

118706

3

119798

100

ST358

100

119449

100

75244

53707

1 1

1 1

76299

16 16

118628

118706

119798

119449

77318

12/12/11 (1)

# Picklist Print

December-02-11 12:42:13 PM

Page 2

Work Order ID: 77318

Parent Item: D350-607-511

Parent Item Name: Quick Release Basket Mounting Installation

Start Date: 12/02/11

Required Date: 12/06/11

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Nut

Purchased No

140 Each 10,342.000

16

16

## Location

## Loc Qty

## Loc Code

ST300

531

117441

51

117601

347

118451

133

ST516

4811

119017

4811

ST518

5000

119075

5000

NAST149F0432P

Washer

Purchased No

140 Each 244.0000

32

32

## Location

## Loc Qty

## Loc Code

ST275

200

119638

200

ST294

44

119307

44

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Shop Packet Print

Page 2

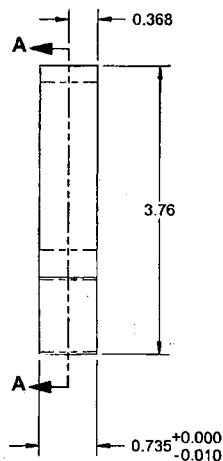
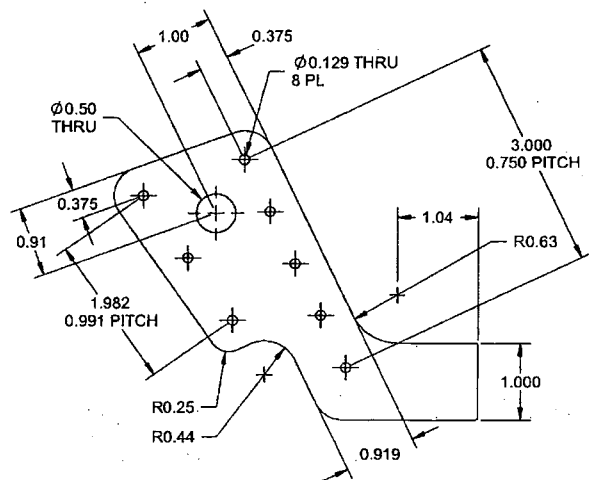
8 7 6 5 4 3 2 1

D

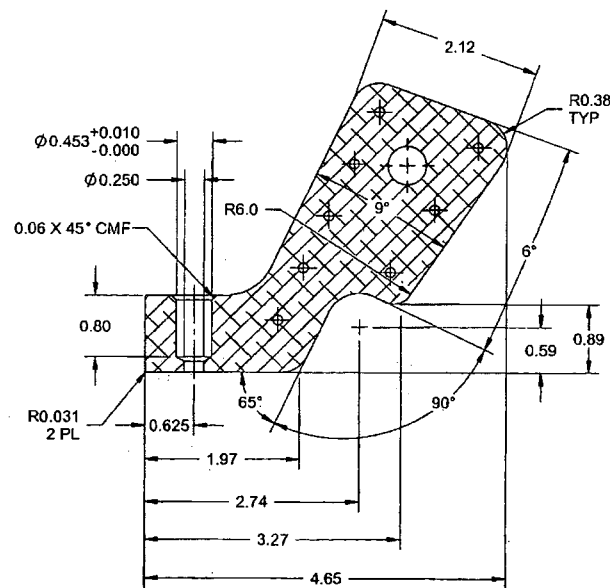
C

B

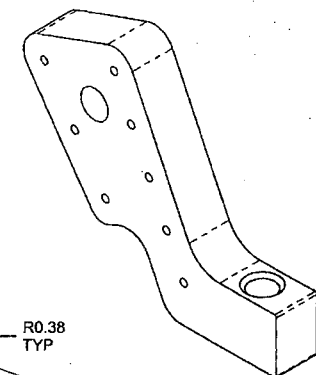
A



**D4148-3 STUD RECEIVER LOWER**



**SECTION A-A**

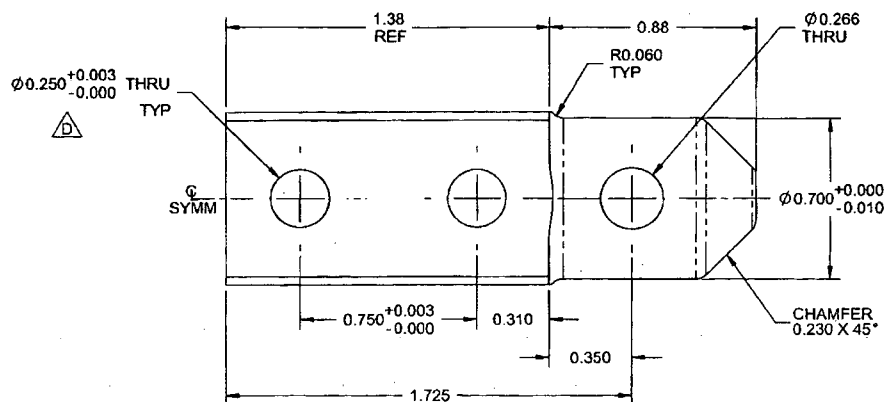


**RELEASED**  
2011-02-24

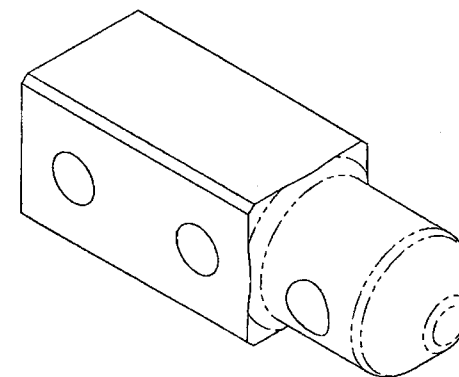
- NOTES:**
- 1) MATERIAL: 303/304/316 STAINLESS STEEL BAR PER ASTM A582 OR ASTM A276  
REF DART SPEC M304B OR M303B
  - 2) FINISH: NONE
  - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK ALL SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 1.52 lbs

DESIGN	MB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SC		
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		<b>D4148</b>	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		<b>FWD X-TUBE LUG ASSY</b>	NTS
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8 7 6 5 4 3 2 1



**D4148-5 EYEBOLT STUD**



**RELEASED**  
2011-02-24

**NOTES:**

- 1) MATERIAL: 303/304/316 STAINLESS STEEL BAR PER ASTM A582 OR ASTM A276  
REF DART SPEC M304B OR M303B
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.27 lbs

DESIGN	MB	<b>DART AEROSPACE LTD</b>	
DRAWN	SC	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		<b>D4148</b>	SHEET 5 OF 5
APPROVED		TITLE	SCALE
DE APPR.		<b>FWD X-TUBE LUG ASSY</b>	NTS
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## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kG	135 in 3.43 m	10895 in-lb 125.5 m-kG
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kG	135 in 3.43 m	8870 in-lb 102.2 m-kG
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kG	135 in 3.43 m	7925 in-lb 89.9 m-kG
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kG	135 in 3.43 m	6440 in-lb 74.1 m-kG
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kG	135 in 3.43 m	972 in-lb 11.3 m-kG

## 5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Revision: A  
Date: 10.06.28